

**APPENDIX D**

**POTENTIAL OFFSITE SOURCES**

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This appendix presents the following documents in support of the potential offsite source discussion in Section 2.1.2:

- Table D1 – Summary of Potential Offsite Sources.
- Plate D1 – Location of Potential Offsite Sources.
- Nationwide Environmental Title Research, 1999. *Historical Chain of Title Report, 1153, 1201 & 1207 Shafter Avenue, San Francisco, California.* January 26.
- Field Notes for DTSC Site Visit to Bay View Dry Cleaners.
- Selected text and Table 1-1 from *Characterizing Risk at Metal Finishing Facilities*. National Center for Environmental Research and Quality Assurance, Office of Research and Development, U.S. Environmental Protection Agency (USEPA). January 27, 1998.
- San Francisco Department of Public Works Sewer Drawings.

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Site 1	<p>1190 Van Dyke Auto salvage yard 7/2/85 - "junkyard" fire (SFFD records) 1988 aerial photograph: random junk visible but not a junkyard operation</p>
Site 2	<p>1200 Van Dyke "Bayview Auto Dismantlers" Tow car operator/owner (SFFD records from 11/72 to 2/79) 1979 and 1988 aerial photographs: two buildings; auto junkyard operations fill entire triangular parcel; large central area and all of Van Dyke Avenue fronting parcel stained black;</p> <p>Was sent a DPH Hazmat Storage Permit application, no response received and no follow-up by DPH</p>
Site 3	<p>1201 Van Dyke 1979 and 1988 aerial photographs: one small building; auto junkyard operations fill entire parcel 2nd hand dealer-auto accessories and auto wreckers listed as a "A-C Auto Wreckers" or A-C Auto Parts" (per SFFD records from 5/82 to 6/86)</p>
Site 4	<p>1320B Van Dyke "Nor-West Truck &amp; Equipment Service Co." (per site visit) Was sent a DPH Hazmat Storage Permit application (to 1350 Van Dyke); packet was returned due to incorrect address; no follow up by DPH</p>
Site 5	<p>1331 Van Dyke "Industrial Truck &amp; Equipment Co." Was sent DPH Hazmat Storage Permit application ; returned a disclaimer to DPH; no further follow-up by DPH</p>
Site 6	<p>1333 Van Dyke "G &amp; G Chemical Co." An E-3 sweeping compound formulating and packing operation 5/80 - Violation for unlawful amounts of flammable or explosive hazardous materials (110 five gal drums ether) 9/71 - Building Inspection Report issued to "Western Tri-Pack" 11/66 - Building Inspection Report issued to "Hobart Welder Sales" 7/61 - Building completed as warehouse for electrical parts (SFFD records)</p>
Site 7	<p>1337 Van Dyke "R.A. Jenson Mfg."; Spray-painting onsite;</p> <p>Above-ground chemical storage; 40 - 50 gal drums polyester resin; 2 - 55 gal drums acetone; Hazardous chemicals - 30-1 gal plastic bottles of MEK; (catalyst) stored indoors; (SFFD permit files) 11/68 - Occupancy change to auto storage</p> <p>10/66 - Inspection Report for office and warehouse; (per SFFD records); Has received SPPH Hazmat Storage Permit to store up to 110 gal unsaturated polyester resin, 2200 gal polyester resin, 12 gal catalyst with MEK, 110 gal lacquer, 110 gal acetone, 8 gal release &amp; stripper wax, 10 gal rotella oil</p>

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Site 8	<p>1350 Van Dyke Storage facility with gas pump inside building Pump installed 6/21/68 Gas tank is 550 gal UST in open yard adjoining building Cigars, cigarettes, and candy stored (SFFD records dated 10/71)</p> <p>"John Gross Painting" and "Ogden Contractor Interiors, Inc." on building front (per site visit 11/3/88)</p>
Site 9	<p>1359 Van Dyke "Jazz Auto Works" An auto body and repair shop Was sent a DPH Hazmat Storage Permit application, no response or follow-up by DPH</p>
Site 10	<p>1365 Van Dyke "Alco Iron Works" Structural steel, misc. iron &amp; welding (per sign on building 11/3/88) Was sent a DPH Hazmat Storage Permit application addressed to "Contractor's Iron Works"; no response and no follow up by DPH "Newbilt Display &amp; Interiors" per SFFD records (1975) Used for display, manufacturing, storage and office Per 3/23/75 report - "large amount of combustibles stored in open wood containers. Numerous cans of lacquer, paint, and thinner strewn about without covers. (SFFD records)</p>
Site 11	<p>1370 Van Dyke "Anresco Corp" and "Microtracers Inc." (on building front 11/3/88) Anresco is a laboratory; Microtracers manufactures feed; both are affiliated with each other Microtracers (and Sylvan Eisenberg at same address) was sent a DPH Hazmat Storage Permit application; no response and no follow-up by DPH Anresco is listed on SFFD permit listing for drum storage</p>
Site 12	<p>Underwood at Griffith "CBS Earthmoving &amp; Demolition Co." UST closed in place or removed; "M&amp;M Wrecking Yard; samples taken 3/87 "Liquid" sample: Total Hydrocarbons - 700,000 ppb Benzene - 9,100 ppb Toluene - 37,000 ppb Xylenes - 47,000 ppb Soil Samples Total Hydrocarbons as gas - 14,910 ppm Benzene - &lt;0.1, 3.8 ppm Toluene - 0.25, 14 ppm Xylenes - 0.50, 52 ppm Per RWQCB records</p>
Site 13	<p>1200 Underwood 1935 aerial photograph: vacant 1948 aerial photographs to present: long Quonset hut type buildings fill entire parcel A garage (potentially with waste oil tanks, flammable liquids, etc.) per SFFD permit listing</p>

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- Site 14 1212 Underwood  
1935 aerial photograph: vacant  
1948 aerial photographs to present: 3 long Quonset hut type buildings fill entire parcel  
Furniture refinishing per 1/22/86 Building Inspection Report (per SFFD records)  
"Superior Stripping" per site visit 11/3/88; Has been in operation for 5 years; Has been inspected by SFFD and is classified as hazardous waste generator by EPA; Per interview 11/3/88
- Site 15 1270 Underwood  
"Triple E Mfg. Co."  
Office & manufacturing of electrical equipment per 5/3/86  
Building Inspection Report (per SFFD records)  
Sheet metal shop per 1965 and 1987 Sanborn maps
- Site 16 1278-80 Underwood  
"Marble Clamp Corp." per DPH  
Was sent a DPH Hazmat Storage Permit application; no response has been received and no follow-up by DPH  
"Bayview Iron Corp." per SFFD  
Includes iron gates manufacturing per 6/3/80 Building Inspection report (per SFFD records)
- Site 17 1301-1303 Underwood  
"Engstrom & Nourse"  
  
Was sent a DPH Hazmat Storage Permit application; packet was returned with no forwarding address
- Site 18 1320 Underwood  
"Griffith Metal Co."  
Sheet metal works according to 1987 Sanborn map  
Sent a DPH Hazmat Storage Permit application; returned a disclaimer; no DPH follow-up yet  
A sheet metal fabrication per 3/19/65 Building Inspection Report (per SFFD records)
- Site 19 1340 Underwood  
"Walter Dankas & Co."  
  
Manufacturing of industrial cranes since at least 5/66 per 5/3/66 Building Inspection Report (SFFD records)  
Has received full operating permit from DPH to store regulated quantities of mineral spirits (2-55 gal drums), hydraulic oil, lacquer thinners, TCA, solvents, MEK, argon gas
- Site 20 1351-53 Underwood  
Currently appears to be a cabinet shop (per 11/3/88 site visit)  
"World Carpet Mills" per 4/12/66 Building Inspection Report  
Was rug & linoleum storage and work area  
  
"1-15 lb dry chemical located near gas pump" per 4/12/66 Building Inspection Report (SFFD records)

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Site 21	<p>1389 Underwood "Evergood Sausage"</p> <p>Was sent a DPH Hazmat Storage Permit application; no response has been received and no follow-up by DPH</p> <p>A 2000 gal UST for gasoline (per SFFD permit files)</p> <p>UST monitoring is occurring, no leaks have been detected per DPH records</p> <p>Facility contains smokehouses and freon refrigerators per 9/84 and 7/66 Inspection Reports (SFFD records)</p>
Site 22	<p>1399 Underwood</p> <p>Appears to be a meat processing plant per 1987 Sanborn map</p>
Site 23	<p>1120 Thomas</p> <p>Currently a beer warehouse per 1987 Sanborn map</p> <p>"Structure is divided equally between two firms engaged in metal work - "C &amp; C Processing Co." and "H &amp; B Concrete Accessories Co." per 9/15/62 Building Inspection Report (SFFD records)</p>
Site 24	<p>1150 Thomas</p> <p>"Florence Ravioli Co."</p> <p>7500 gal diesel UST removed 8/88; samples taken; no results in file (DPH records)</p>
Site 25	<p>1170 Thomas</p> <p>Repair garage (potentially with waste oil tanks, flammable liquids, etc.)</p> <p>(SFFD permit listing)</p>
Site 26	<p>1174 Thomas</p> <p>"Soriano Auto Repair"</p> <p>Was sent a DPH Hazmat Storage Permit application, submitted a disclaimer, no follow-up yet by SFPD</p>
Site 27	<p>1180 Thomas</p> <p>"Colonial Ornamental Iron Works"</p> <p>Was sent a DPH Hazmat Storage Permit application; submitted a disclaimer; no follow-up yet by SFFD</p>
Site 28	<p>1201 Thomas</p> <p>"Western Tallow Company" per 1914 Sanborn map</p> <p>1935 aerial photograph: two buildings on parcel, but not the current buildings</p> <p>Curled hair factory per 1929, 1950, and 1965 Sanborn maps</p> <p>Existing building in aerial photographs from 1948 on; appears to be one building at front of parcel; several long buildings (Sites 13 and 14 extend from Underwood through most of Thomas parcel</p> <p>"C.T. Braun &amp; Co."</p> <p>Animal hair cleaning and processing</p> <p>Fuel oil, UST-cap. 50 barrels under NE corner of west building</p> <p>Lubricating oil, 2-50 gal drums</p> <p>SFFD listed address as 1390 Underwood ? (possibly because long buildings extend from Underwood to near Thomas; SFFD records; no date)</p> <p>1969 aerial photograph shows building gone</p> <p>Shut down operations in 1972 per interview with former owner Paul Braun, 11/3/88</p>

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Site 29	<p>1212 Thomas</p> <p>Fireworks stored in the building around 1921 blew up according to Paul Braun, former owner of C.T. Braun &amp; Co. 11/3/88</p> <p>"Bayview Wool Co." per 1929 Sanborn map</p> <p>1935 aerial photograph shows several buildings and what appears to be a circular chimney of an incinerator "Bay Area Drum", 1940s to 1987, the subject of this investigation; see Section 2 for background</p> <p>1948 aerial photograph: different buildings onsite; drum reconditioning operations present</p> <p>1958, 1969, 1977, 1979, 1985 aerial photographs: current building and drum reconditioning operations onsite; Yosemite-Fitch Outfalls oblique aerial photographs: probably about August 1988</p>
Site 30	<p>1254 Thomas (possibly 1250 Thomas)</p> <p>1935 aerial photograph: empty lot</p> <p>1948 aerial photograph: possibly a residence</p> <p>Metal stamping per 1950 Sanborn map</p> <p>1958 aerial photograph: current machine shop building present</p> <p>"Allied Fabricator"; machine shop, metal stamping per 9/14/66 San Francisco Fire Department Building Inspection Report</p> <p>Metal fabricating per 1965 and 1987 Sanborn maps</p>
Site 31	<p>1399 Thomas</p> <p>"D. Armaninos Nursery" per 1914 Sanborn map</p>
Site 32	<p>1101 Shafter</p> <p>Truck repair per 1987 Sanborn map and 10/24/67 Building Inspection Report (SFFD)</p> <p>Auto wrecker with gas pump in rear of building per 11/2/64 report (SFFD)</p>
Site 33	<p>1111 Shafter</p> <p>"Atlas Box Co."</p> <p>Wooden box manufacturing</p> <p>Was sent a DPH Hazmat Storage Permit application, submitted a disclaimer, no follow-up yet by DPH</p> <p>"Cans used for waste not covered, some cans combustible. Two 50 gallon portable gas pumps..." per 10/18/77 report (SFFD)</p>
Site 34	<p>1131 Shafter</p> <p>Sweeping compound manufacturing per 1950 Sanborn map</p>
Site 35	<p>1166B Shafter</p> <p>"Whitwell Sign Co."</p> <p>Was sent a DPH Hazmat Storage Permit application, responded that hazardous materials are stored onsite, have not yet been inspected by DPH</p>
Site 36	<p>1190-1/2 Shafter</p> <p>Painter's warehouse per 1987 Sanborn map</p>

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Site 37	<p>1201 Shafter</p> <p>1935 aerial photograph: parcel is vacant</p> <p>1948 aerial photograph: no structures, but possible equipment or junk poorly visible</p> <p>Machine shop per 1950 Sanborn map</p> <p>1958 aerial photograph: current building present</p> <p>According to current owner, Lonnie, shop is now only for polishing (per interview 11/2/88)</p> <p>"Custom Chrome Plating and Polishing" per site visit 11/3/88</p>
Site 38	<p>1207 Shafter</p> <p>1935 aerial photograph: parcel is vacant</p> <p>1948 aerial photograph: some structures not matching current buildings visible</p> <p>Cabinet shop per 1950 Sanborn map</p> <p>"Veterens Plating Company" on April 29, 1954, and November 16, 1965, per chain of title report (NETR, 1999)</p> <p>1958 aerial photograph: front 2/3's of current structure visible; back 1/3 outdoor storage; possible drums;</p> <p>Metal plating shop per 1965 and 1987 Sanborn maps</p> <p>1969 aerial photograph: current building fills entire parcel</p> <p>"Western International Plating": Meeting between San Francisco Department of Public Works and Mr. Ed Hillman on September 28, 1981, regarding disposal of 250 gallons of stripping cyanide waste</p> <p>Upholstery shop per site visit 11/3/88</p>
Site 39	<p>1211 Shafter (Vacant Lot northwest of 1207 Shafter)</p> <p>1935 aerial photograph: parcel is vacant</p> <p>1948 aerial photograph: western half of Vacant Lot is vacant; eastern half has several small structures</p> <p>Putty manufacturing per 1950 Sanborn</p> <p>1958 aerial photograph: west half of Vacant Lot: back half has drums continuously to the 1212 Thomas Avenue site; front half appears to have vegetation</p> <p>1958 aerial photograph: east half of Vacant Lot: commercial or industrial buildings on front 2/3's of parcel; back 1/3 uncertain, but not cluttered</p> <p>Warehouse destroyed by fire in 1965 per SFFD records</p> <p>1969 aerial photograph: all structures gone; fence restored between 1212 Thomas and Vacant Lot; Vacant Lot appears to have trash, especially in front portion</p> <p>1977 and 1979 aerial photographs: trash mostly gone; small shed structure along west side; vegetation throughout Lot; dark discolored area adjacent to 1212 Thomas fence</p> <p>1985 aerial photograph: shed or trailer along east side; otherwise, vacant</p>
Site 40	<p>1255 Shafter</p> <p>1935 aerial photograph: parcel is vacant</p> <p>1948 aerial photograph: parcel is vacant but has large discolored area in front half</p> <p>1958, 1969, 1977, 1979, 1985, 1988 aerial photographs: current buildings onsite; two buildings that take up all up a narrow trailer-wide strip along east side; truck trailer visible in narrow strip in 1977 aerial photograph</p> <p>Machine shop per 1965 Sanborn map</p> <p>Manufactured food processing machinery per 1/19/66 Building Inspection Report (SFFD)</p> <p>Industrial supplies storage per 1987 Sanborn map</p> <p>"Industrial Specialists Co."</p> <p>Building appears to be vacated in 1990</p>

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Site 41	1261 Shafter 1935 aerial photograph: parcel vacant 1948 aerial photograph: possible foundation in front half; smaller foundation in back half; 1958 aerial photograph: current building in front half; smaller structures (sheds?) in back half Carpenter and paint shop per 1965 and 1987 Sanborn maps
Site 42	1295 Shafter SF Fire Station #17 per 1965 and 1987 Sanborn maps and site visit 11/3/88 UST removed 1988, fuel leak apparent, low levels detected (below DPH max. allowable concentration of 100 ppm), no further action per DPH and RWQCB records
Site 43	1100 Revere "Pacific Crating & Shipping" on sign outside building (per site visit 11/3/88) "Jacks & Irvine Co." per SFFD records Construction equipment and trucks Gas pump inside Griffith St. entrance per 8/18/64 Building Inspection Report (SFFD)
Site 44	1135 Revere "R & D Truck & Body Shop" on sign outside building (per site visit 11/3/88) "Rick's Truck & Auto Shop" per DPH records Was sent a DPH Hazmat Storage Permit application ; have not yet responded A body shop including auto repair & painting per 6/22/64 Building Inspection Report (SFFD)
Site 45	1140 Revere "NuWest Paint & Chemical Co." per SFFD records 7/29/54 building permit to install wall around "inflammable" liquids 7/26/54 building permit to install 1-2000 and 3-3000 gal above-ground tanks for storage of paint thinners & resins (per SFFD records)
Site 46	1515 Griffith "Arnold & Egan Mfg. Co." 1000 gal UST with leak due to "a slight disintegration of the tar insulation" on the tank Apparent soil contamination only - 18 ppm gas, 33 ppm diesel (RWQCB records)
Site 47	1920 Ingalls Garage (potentially w/waste oil tanks, flammable liquids, etc.) per SFFD permit listing
Site 48	1925 Ingalls "D & T Inc." A metal fabricator per DPH records Has DPH Hazmat Storage Permit to store compressed gas and 4-50 gal drums lubricating oil "F-1 Machine Shop" per 3/16/84 Building Permit Report (SFFD) According to current employee, building was built 4-5 years ago specifically for D & T inc. (per interview 11/3/88)
Site 49	2059 Ingalls "Modern Drapery Service" Has DPH Hazmat Storage permit to store 150 gal perch..., waste perch..., stain and rust remover (assume this is PCE)

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Site 50 ERM-West Environmental Report

Yosemite and Fitch Outfalls Consolidation Project. High metal concentrations (copper, lead and nickel), that exceed Title 22 limits, were found in several soil samples taken from borings in the vicinity of Hawes & Thomas Streets. Detectable levels of cyanide and purgeable organics (PCE, TCE, chloroform, and 1, 2 dichloroethane) were also found in samples from these borings. (See D&M Plate 5 for soil boring locations.)

Site 51 1153 Shafter Avenue  
"Bay View laundry and Dry Cleaning Service"  
AKA "AD Cleaners"  
Purchased by current site owners on 1/20/89

Site 52 1237 Thomas Avenue  
1935 aerial photograph: vacant  
1948 aerial photograph: mostly vacant with a few containers and some junk  
1958 and 1977 aerial photographs: vacant with occasional small trash or junk  
1979 aerial photograph: mostly vacant with a few containers and some junk  
1985 and 1988 aerial photographs: auto junkyard

Site 53 1235 Thomas Avenue  
"Bay Metals"; structural steel works shop; (D&M, 1990)

Site 54 Railroad tracks  
Potential petroleum hydrocarbons and metals